

Rabbit Insulin Polyclonal Antibody | anti-INS antibody

Polyclonal Antibody to Insulin (INS)

CATALOG # AAA142749	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Pig	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

Insulin; Polyclonal Antibody; Polyclonal Antibody to Insulin (INS); anti-INS antibody

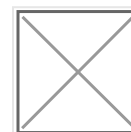
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Pig
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against INS. It has been selected for its ability to recognize INS in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Concentration	500ug/mL (varies by lot)
Sequence	Antigen: The target protein is fused with a 6xHis-tag and a GST-tag. Its sequence is listed below. MSPI LGYWKIKGLV QPTRLLLEYL EEKYEELHYE RDEGDKWRNK KFELGLEFPN LPYYIDGDVK LTQSMAIIRY IADKHNMLGG CPKERAISM LEGAVLDIRY GVSRIAYSKD FETLKVDFLS KLPEMLKMF E DRLCHKTYLN GDHVTHPDFM LYDALDVVLY MDPMCDAFP KLVCFKKRIE AIPQIDKYLK SSKYIAWPLQ GWQATFGGGD HPPKSDGSTS GSGHHHHHHS AGLVPRGSTA IGMKETAAAK FERQHMDSPD LGTGGGSGIE GRGSMGYRGS EF-FVNQHLC GSHLVEALYL VCGERGFFYT PKTRREAEDL QVGQVELGGG PGAGSLQPLA LEGSLQKRG
Sequence Length	110
Applicable Applications for anti-INS antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	INS (Phe25~Asn110)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human
Conjugate	No Conjugate
Immunogen	Recombinant INS (Phe25~Asn110) expressed in E. coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Used in DAB staining on formalin fixed paraffin-embedded kidney tissue



WB (Western Blot)
Figure: Western Blot; Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126723332
NCBI GeneID	100009181
NCBI Accession #	NP_001075804.1
NCBI GenBank Nucleotide #	NM_001082335.1
Molecular Weight	11,838 Da
NCBI Official Full Name	insulin
NCBI Official Symbol	INS
NCBI Protein Information	insulin
UniProt Protein Name	Insulin
UniProt Gene Name	INS
UniProt Entry Name	INS_RABIT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/insulin-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142749>